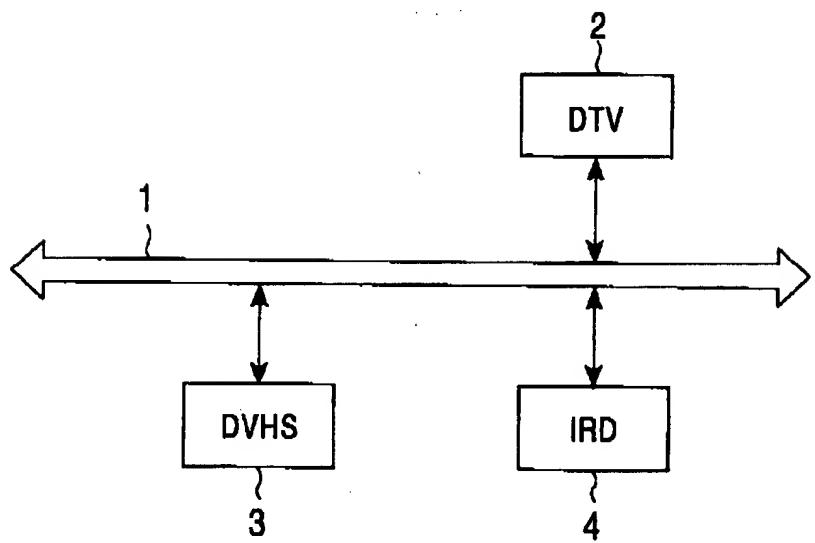


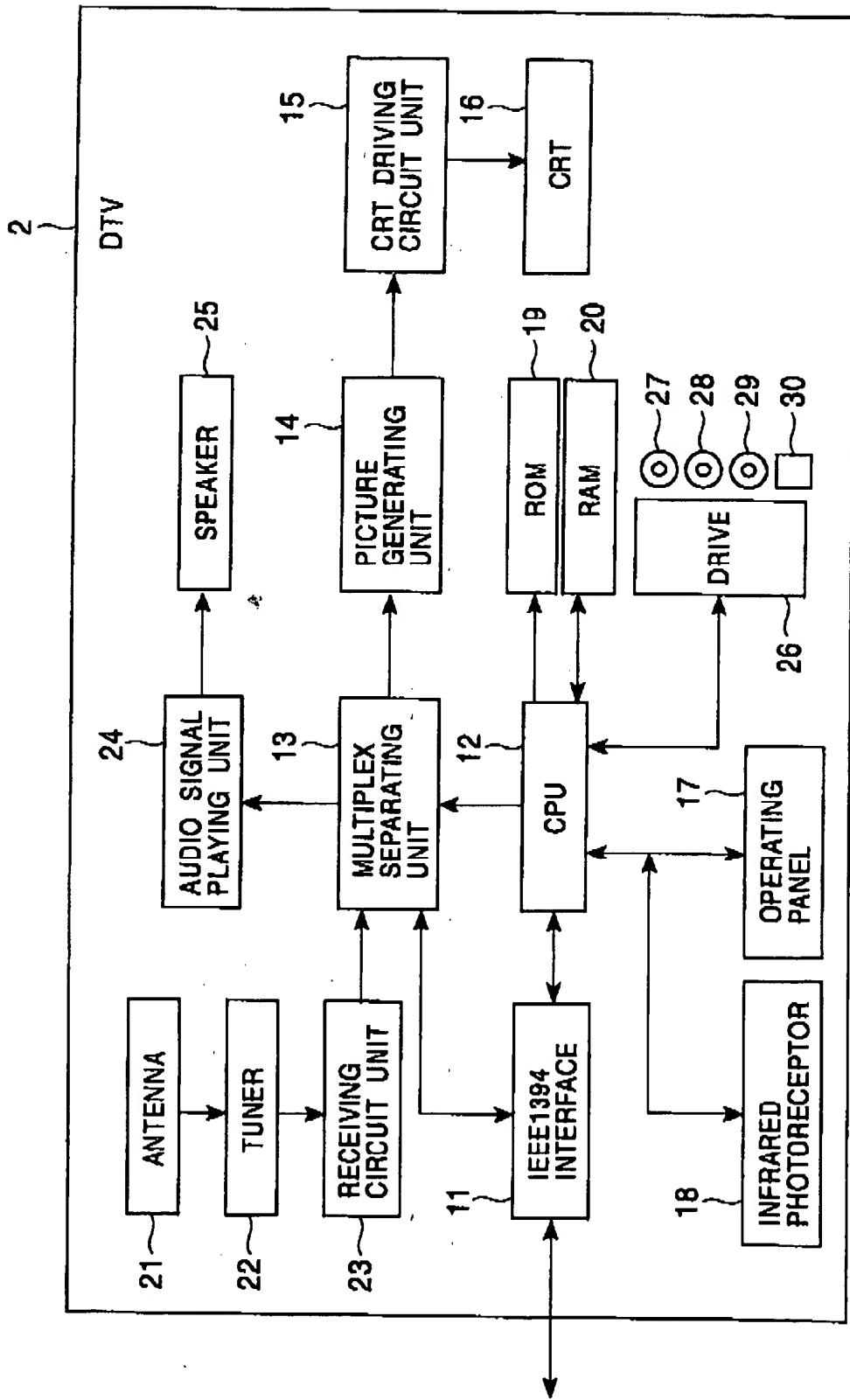
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FIG. 1



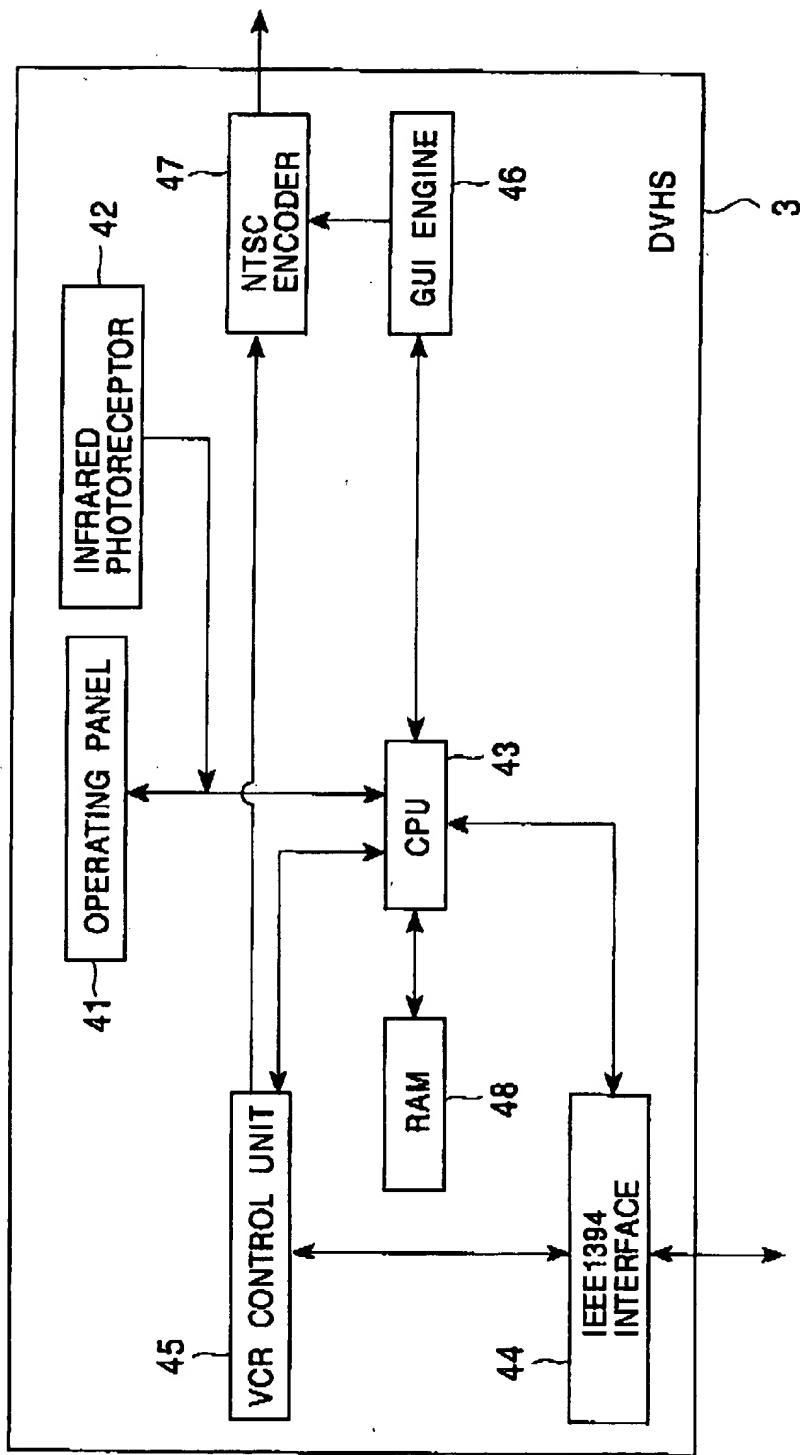
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FIG. 2



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FIG. 3



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FIG. 4

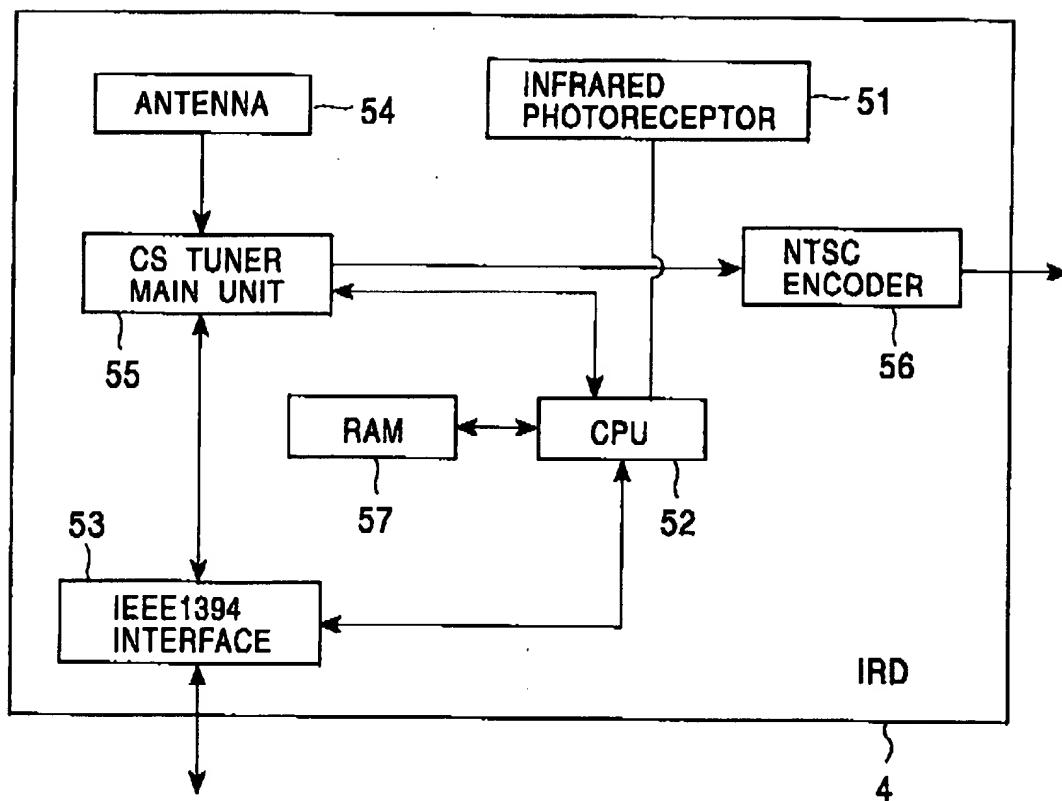
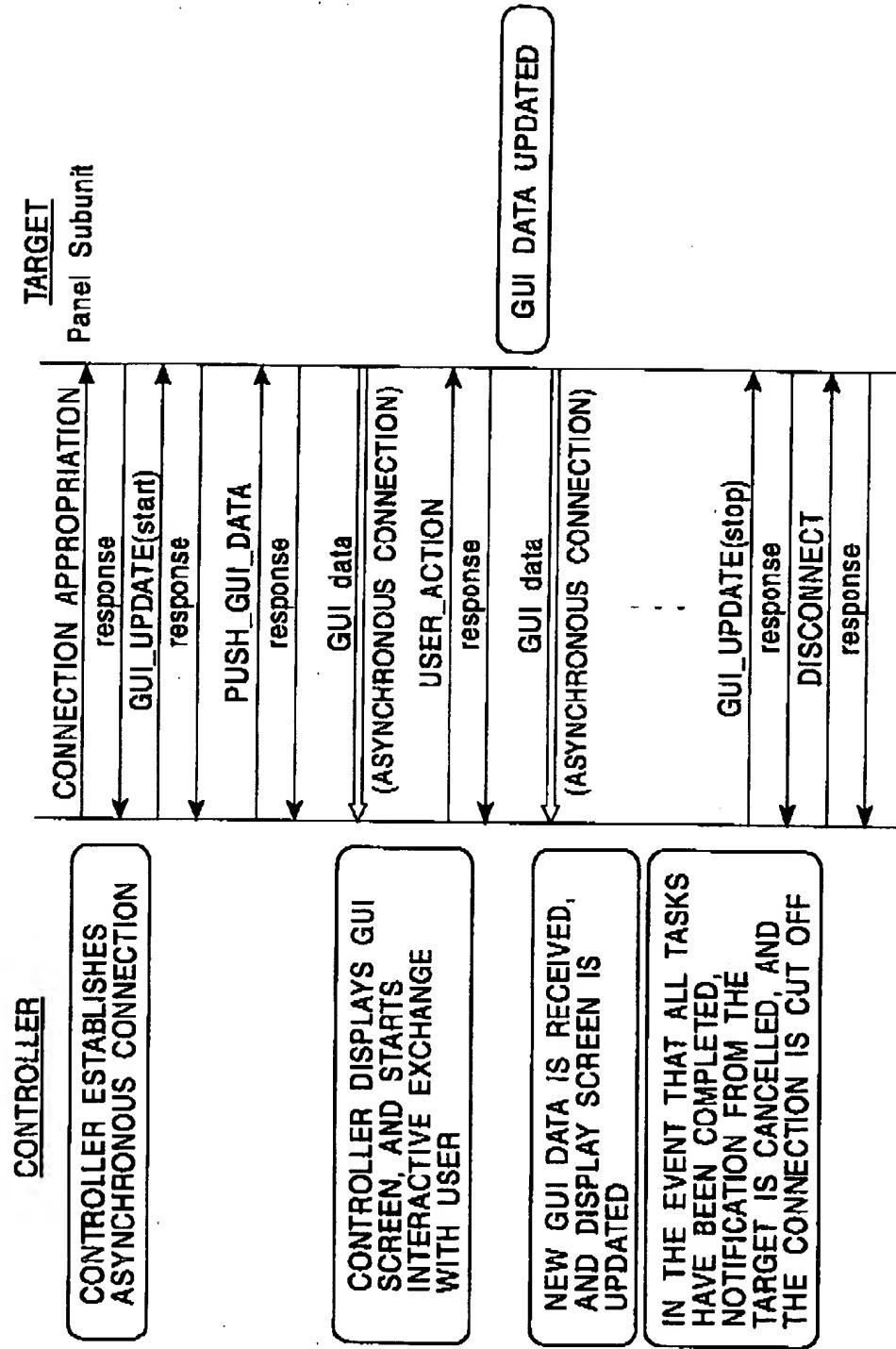


FIG. 5



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FIG. 6

	msb								lsb
opcode	GUI_UPDATE(XX ₁₆)								
operand[0]	source_plug								
operand[1]	support_model		availability						
operand[2]	generation_ID								
operand[3]	subfunction								
operand[4]	scope								

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FIG. 7

VALUE OF support_model	COMMENTS
0 ₁₆	SUPPORTS EIA-775 MODEL
1 ₁₆	SUPPORTS PANEL NATIVE MODE
OTHER	UNUSED AREA FOR ITEMS YET TO BE DEFINED

FIG. 8

VALUE OF availability	COMMENTS
0 ₁₆	available
1 ₁₆	occupied
OTHER	UNUSED AREA FOR ITEMS YET TO BE DEFINED

FIG. 9

VALUE OF generation_ID	COMMENTS
00 ₁₆	GUI ELEMENT SETTINGS (FORMAT AND COMMANDS DEFINED IN VERSION 1.0 OF PANEL SUBUNIT SPECIFICATIONS)
OTHER	UNUSED AREA FOR ITEMS YET TO BE DEFINED

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FIG. 10

VALUE OF subfunction	subfunction	COMMENTS
00 ₁₆	start	PANEL SUB-UNIT STARTS NOTIFICATION OF GUI OF INSTRUCTED scope
01 ₁₆	stop	PANEL SUB-UNIT TERMINATES UPDATING OF GUI
02 ₁₆	change	PANEL SUB-UNIT CHANGES scope OF UPDATING OF GUI
OTHER		UNUSED AREA FOR ITEMS YET TO BE DEFINED

FIG. 11

VALUE OF scope	scope	COMMENTS
00 ₁₆	NO INFORMATION	Scope IS NOT SET
01 ₁₆	DEVICE	PANEL SUB-UNIT NOTIFIES CHANGE OF ALL GUI ELEMENTS OF TARGET
02 ₁₆	CURRENT PANEL	PANEL SUB-UNIT NOTIFIES CHANGE OF ALL GUI ELEMENTS OF CURRENT PANEL

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FIG. 12

	msb							lsb
opcode	PUSH_GUI_DATA(XX ₁₆)							
operand[0]	source_plug							
operand[1]	subfunction							
operand[2]	generation_number							
operand[3]								
operand[4]	status							
operand[5]	indicator							
operand[6]								
operand[7]								
operand[8]	element_identifier							
operand[9]								

FIG. 13

VALUE OF subfunction	subfunction	COMMENTS
00 ₁₆	new	PANEL SUB-UNIT STARTS TRANSMISSION OF SPECIFIED GUI DATA
01 ₁₆	clear	PANEL SUB-UNIT STOPS TRANSMISSION OF SPECIFIED GUI DATA
OTHER		UNUSED AREA FOR ITEMS YET TO BE DEFINED

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FIG. 14

VALUE OF status	status	COMMENTS
00 ₁₆	no error	NO ERROR
81 ₁₆	preparation	PANEL SUB-UNIT PREPARING TO TRANSMIT PANEL DATA
82 ₁₆	source plug busy	PANEL SUB-UNIT TRANSMITTING PANEL DATA
83 ₁₆	no element	SPECIFIED DATA DOES NOT EXIST WITHIN CURRENT AREA
84 ₁₆	not connected	SPECIFIED SOURCE PLUG IS NOT CONNECTED TO ANY ASYNCHRONOUS PLUG
85 ₁₆	not owner	CONTROLLER IS NOT THE OWNER OF SPECIFIED SOURCE PLUG
86 ₁₆	canceled	CANCELLED DURING DATA TRANSMISSION
87 ₁₆	not transmitting	SPECIFIED DATA IS NEITHER BEING PREPARED NOR BEING TRANSMITTED
EF ₁₆	any other error	OTHER INTERNAL ERROR OF PANEL SUB-UNIT
OTHER		UNUSED AREA FOR ITEMS YET TO BE DEFINED

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FIG. 15

	msb							lsb
opcode								
operand[0]							source_plug	
operand[1]							generation_number	
operand[2]								
operand[3]								
operand[4]							element_identifier	
operand[5]								
operand[6]								
operand[7]							action_type	
operand[8]								
:							data	
:								

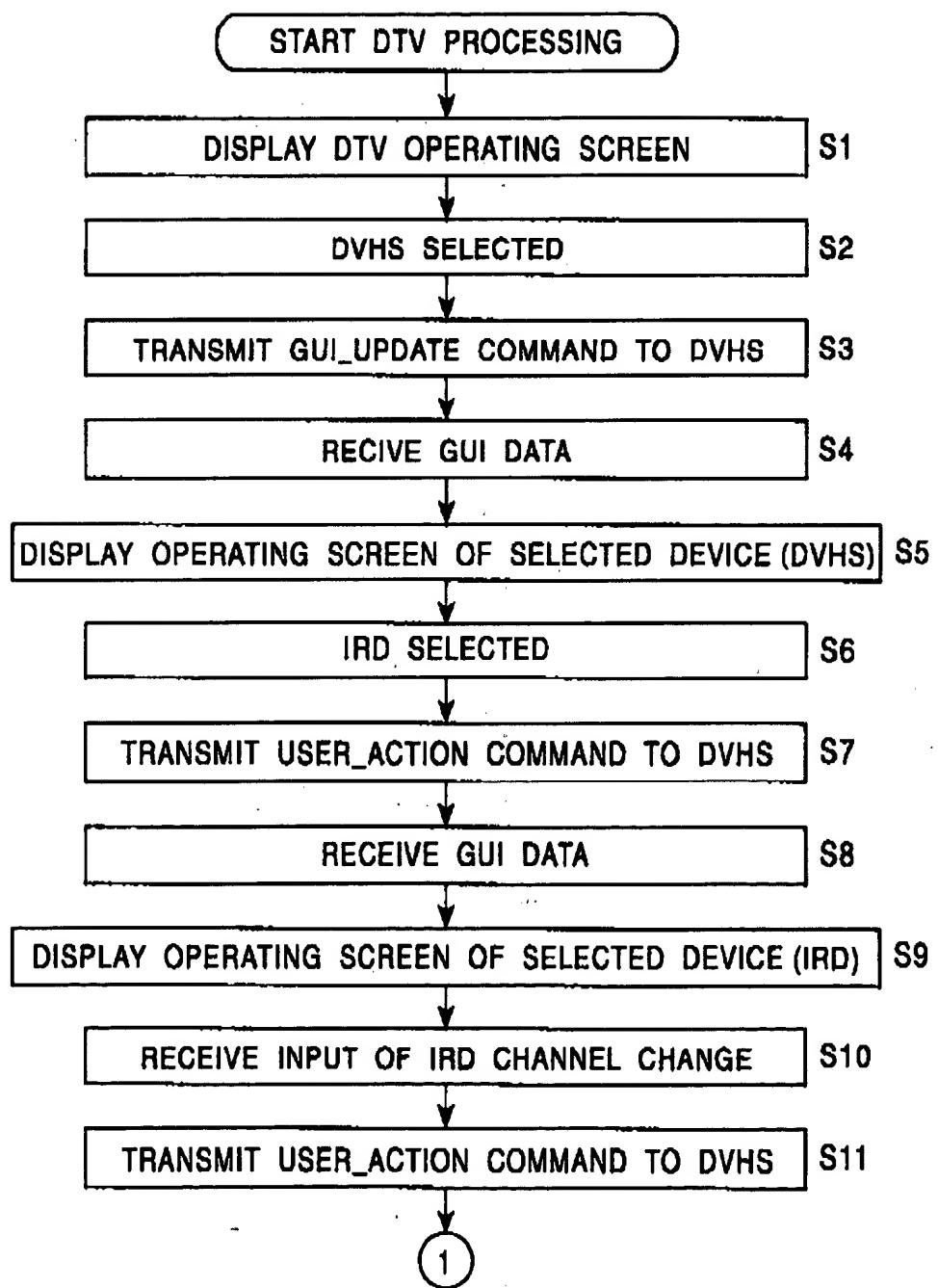
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FIG. 16

action_type	VALUE OF action_type	DATA FIELD	COMMENTS
select	00 ₁₆	UNUSED	SELECTION BY USER
press	01 ₁₆	UNUSED	BUTTON PRESSED BY USER
release	02 ₁₆	UNUSED	RELEASE BY USER
set_value	03 ₁₆	8-bit VALUE	SETTING VALUE INPUT BY USER
enter_data	04 ₁₆	TEXT DATA	DATA INPUT BY USER LENGTH OF DATA DIFFERS ACCORDING TO USER INPUT
choose_list	05 ₁₆	ELEMENT ID	ELEMENT SELECTED BY USER INPUT LENGTH OF DATA DIFFERS ACCORDING TO USER INPUT

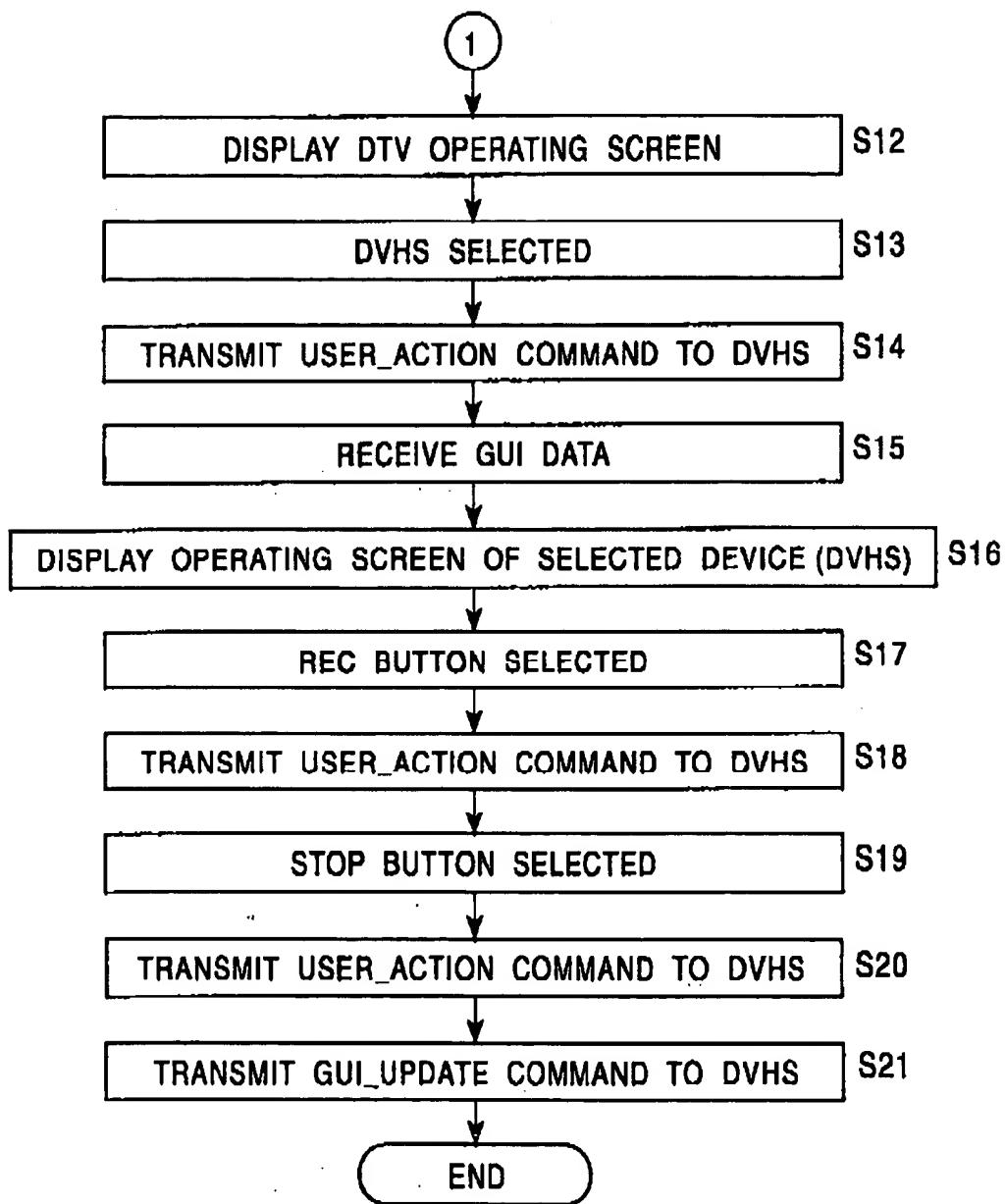
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FIG. 17



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FIG. 18



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FIG. 19

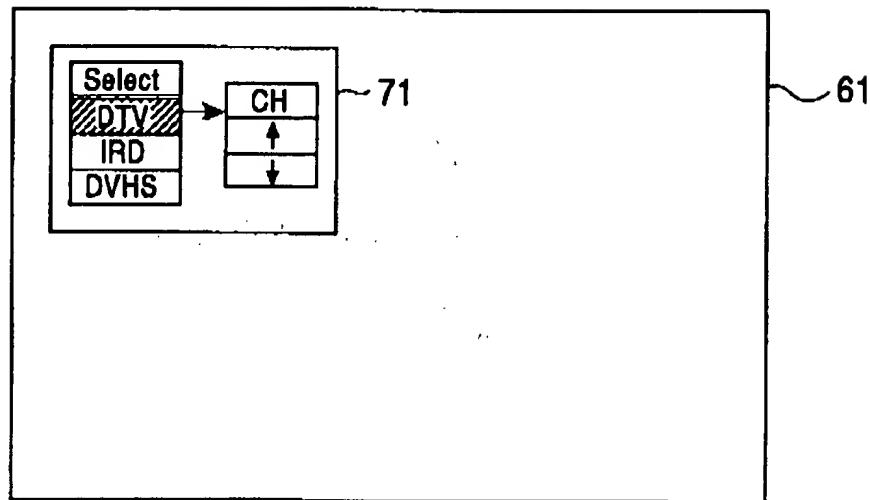
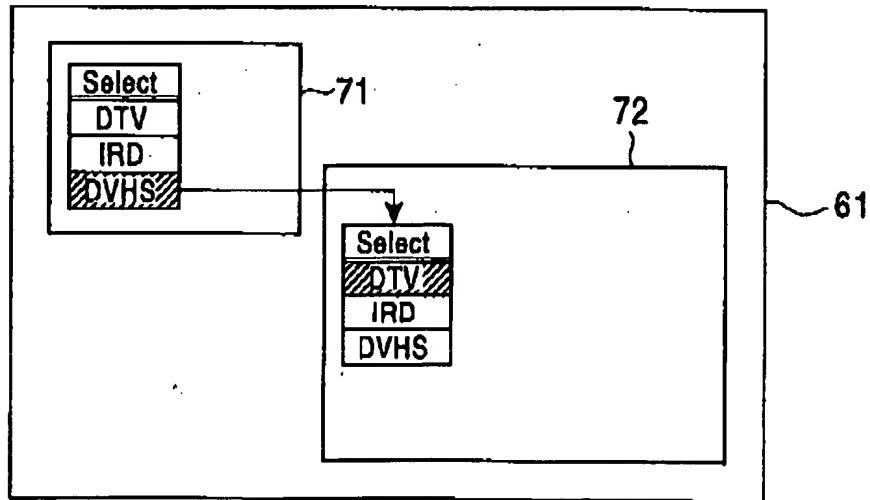


FIG. 20



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FIG. 21

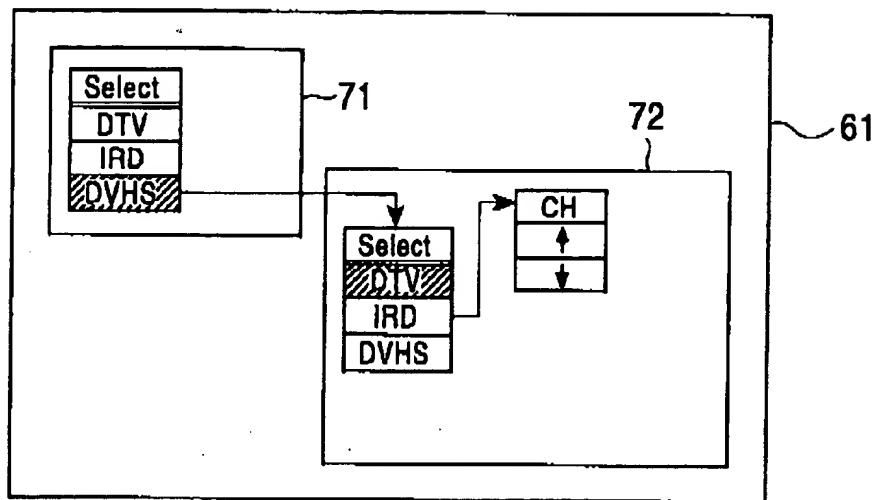
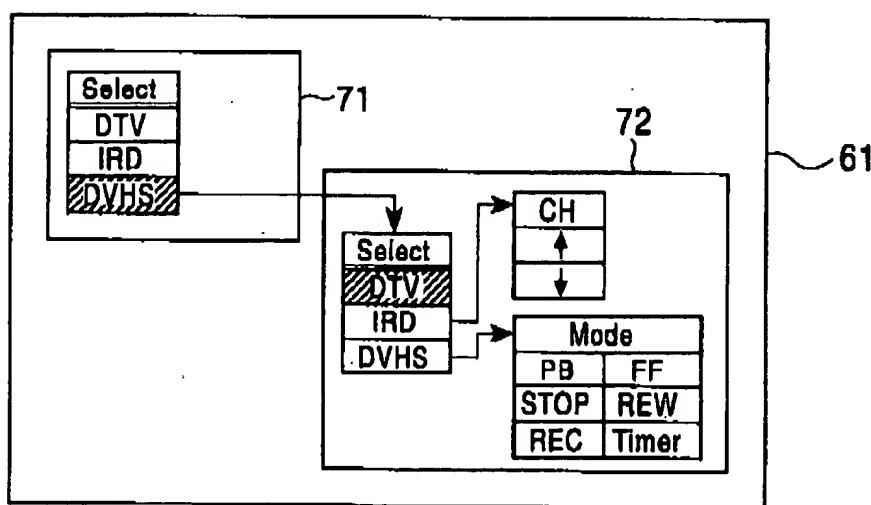
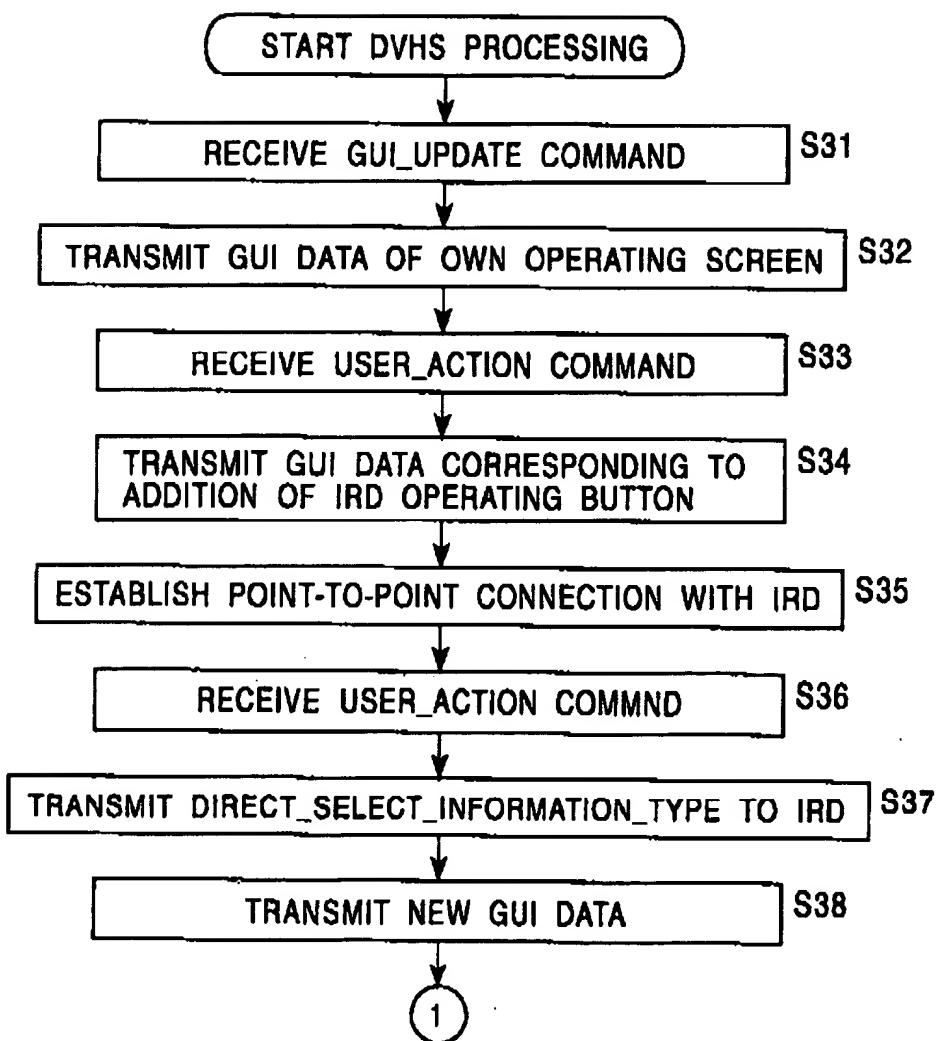


FIG. 22



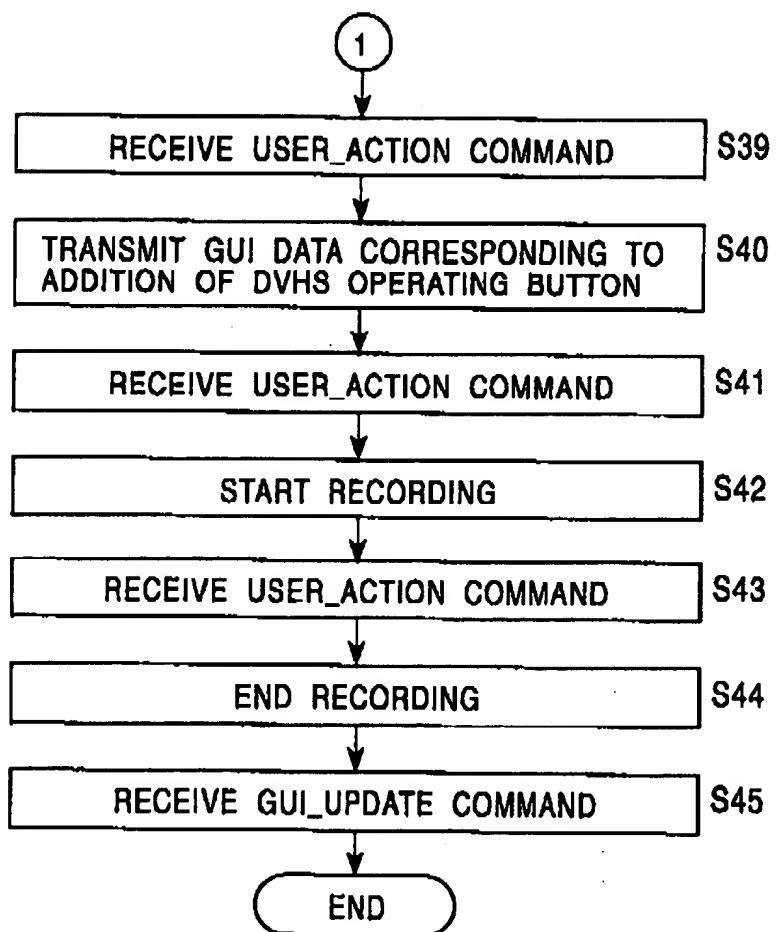
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FIG. 23



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FIG. 24



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